

6/7/1 (Item 1 from file: 351)
DIALOG(R)File 351:Derwent WPI
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WPI Acc No: 1990-335607/**199045**

Purifying human interferon alpha by immunoaffinity chromatography - using material having monoclonal antibodies attached and opt. crosslinked, providing high purity

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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DD 279546	A	19900606	DD 291356	A	19861022	199045 B
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Priority Applications (No Type Date): DD 291356 A 19861022

Abstract (Basic): DD 279546 A

Immunoaffinity chromatographic purificn. of human interferon (IFN) alpha uses an immunosorbent made by bonding purified monoclonal antibodies (MAb) against IFN alpha to suitable carriers, then opt. crosslinking with glutaraldehyde. The resulting immunosorbents are loaded with pre-purified natural or recombinant IFN-contg.solns., then after washing and pre-elution, eluted to recover high purity IFN.

USE/ADVANTAGE - The method is used in biological medical research, biotechnology and in the pharmaceutical industry. It is economical and produces IFN-alpha of high purity (esp. almost free of MAb released from the sorbent) and in conc. form Sorbents contg. ZIM-IIB2 are specific for the alpha-2 subtype and those contg. ZIM-IIG11 for the alpha-1 subtype. (3pp dwg.No.0/0)

Derwent Class: B04; D16; S03

International Patent Class (Additional): G01N-033/57